

ABSTRACT

An induction heater having a safety function of lowering or stopping the heating power when an object to be heated moves, the safety function hardly interfering with the cooking activities of a user is provided. The induction heater of the present invention comprises an induction heating coil, an inverter circuit, an output detection section for detecting the magnitude of the inverter circuit, a control section, a setting input section for setting a target output, a first movement detection section, and a storage section for storing a control value before the first movement detection section detects a movement of an object to be heated. The control section has a reach control mode where the output of the inverter circuit is gradually increased from a low output to a target output, a stable control mode where control is exercised so that the output of the inverter circuit agrees with the target output, and a first output mode where a control value derived from the control value stored in the storage section is output, and when the first movement detection section detects a movement of

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the object, the control section shifts to the first output mode.